

START



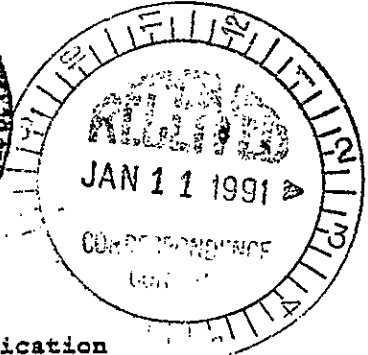
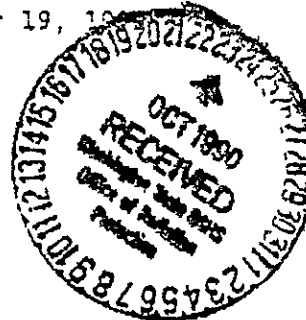
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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

October 19, 1990

Mr. Steven H. Wisness
Hanford Project Manager
U.S. Department of Energy
P.O. Box 550
Richland, Washington 99352

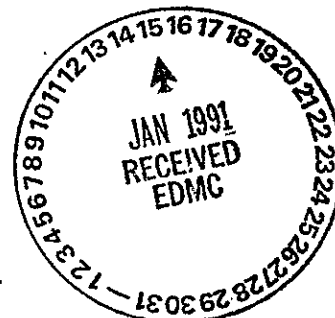


RE: Grout Treatment Facility PSD Permit Application

Dear Mr. Wisness:

We have reviewed your modification request to the Grout facility's Prevention of Significant Deterioration (PSD) permit dated February 15, 1990. Approval of this modification is contingent upon your response to the following comments.

1. A condensation system is considered Best Available Radionuclide Control Technology for tritium. A condensation system must be included in the design or a technical justification provided which defends the absence of a condenser.
2. The application indicates that 233 Curies per year of water vapor will be emitted from the portable exhaust stack. The stack height must be indicated in your submittal to assess the impacts from this emission.
3. There is no information provided on stack exit gas velocity and temperature, nor on stack insulation. The application should provide maximum, minimum, and normal stack velocities and temperatures as well as the insulation configuration for the stack.
4. Please provide the assumptions and calculations used to determine the electricity costs for the condenser as presented on page 20 of the application.

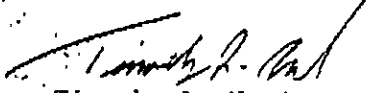


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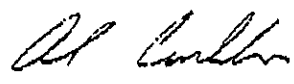
Mr. Wisness
October 19, 1990
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Your response should be submitted to both the Department of Ecology and the Department of Health. Following our concurrence with your responses, we will submit the application for public comment. Technical inquiries regarding this issue should be directed to Ecology's Grout Unit Manager, Mr. Joe Witczak at (206) 438-7557 and Mr. Al Conklin of the Department of Health at (206) 586-0254.

Sincerely,



Timothy L. Nord
Hanford Project Manager
Nuclear and Mixed Waste Program



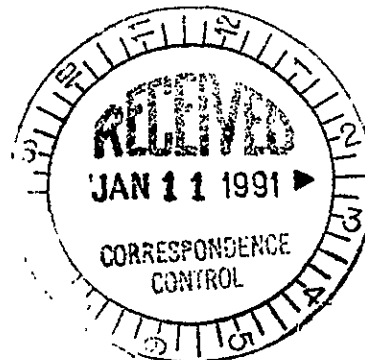
Al Conklin, Head
Air Emissions and Defense Waste Section
Division of Radiation Protection

cc: Teddy La
Dan Duncan
Jeff Voogd
Administrative Record

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Subject GROUT TREATMENT FACILITY PSD PERMIT APPLICATION				
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